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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS	4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS	5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS	6	DEC 14	CA/CAPLUS to be enhanced with updated IPC codes
NEWS	7	DEC 21	IPC search and display fields enhanced in CA/CAPLUS with the IPC reform
NEWS	8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUDb, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	13	JAN 30	Saved answer limit increased
NEWS	14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS	15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	16	FEB 22	Status of current WO (PCT) information on STN
NEWS	17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	19	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	20	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	21	FEB 28	TOXCENTER reloaded with enhancements
NEWS	22	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	23	MAR 01	INSPEC reloaded and enhanced
NEWS	24	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	25	MAR 08	X.25 communication option no longer available after June 2006
NEWS EXPRESS	FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/		
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* * * * * STN Columbus * * * * *

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FILE COVERS 1907 - 13 Mar 2006 VOL 144 ISS 12
FILE LAST UPDATED: 12 Mar 2006 (20060312/ED)

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<http://www.cas.org/infopolicy.html>

```
=> s (myrciaria dubia)
      65 MYRCIARIA
      865 DUBIA
L1      37 (MYRCIARIA DUBIA)
          (MYRCIARIA(W)DUBIA)

=> dup rem
ENTER L# LIST OR (END):11
PROCESSING COMPLETED FOR L1
L2      37 DUP REM L1 (0 DUPLICATES REMOVED)
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=> d scan

```
L2      37 ANSWERS  CAPLUS  COPYRIGHT 2006 ACS on STN
IC      ICM  A23L001-06
      ICS  A23G003-30; A23G009-02
CC      17-14 (Food and Feed Chemistry)
TI      Myrciaria fruit juice for manufacture of desserts
ST      Myrciaria fruit juice dessert health food
IT      Health food
          (Myrciaria dubia fruit juice; Myrciaria fruit juice
          for manufacture of desserts)
IT      Desserts
          (Myrciaria fruit juice for manufacture of desserts)
IT      Myrciaria dubia
          (fruit juice of; Myrciaria fruit juice for manufacture of desserts)
```

IT Mineral elements, biological studies
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
 BIOL (Biological study); OCCU (Occurrence)
 (in **Myrciaria dubia** fruit; Myrciaria fruit juice
 for manufacture of desserts)

IT 50-81-7, Vitamin C, biological studies
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
 BIOL (Biological study); OCCU (Occurrence)
 (in **Myrciaria dubia** fruit; Myrciaria fruit juice
 for manufacture of desserts)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 and seed
 135389 SEED
 91645 SEEDS
 180524 SEED
 (SEED OR SEEDS)

L3 5 L1 AND SEED

=> d total ibib abs

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:822409 CAPLUS
 DOCUMENT NUMBER: 143:216348
 TITLE: Anti-aging compositions containing acerola
seed extracts
 INVENTOR(S): Kobayashi, Misako; Kameyama, Kumi; Nari, Eiji;
 Shinmoto, Yukiko; Nagamine, Kenichi; Hayashi, Miki;
 Yamazaki, Kaori
 PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan; Nichirei Corp.
 SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005220085	A2	20050818	JP 2004-30452	20040206
PRIORITY APPLN. INFO.:			JP 2004-30452	20040206

AB The invention relates to an anti-aging composition characterized by containing acerola (*Malpighia emarginata*) **seed** extract as an active component. The composition may further contain other active component, e.g. cell activator, antioxidant, antiinflammatory agent, skin-moisturizer, and/or UV blocker. For example, an antiaging cream containing *Malpighia emarginata* **seed** 30 % 1,3-butylene glycol extract 0.5, ascorbic acid phosphate magnesium salt 0.25, beeswax 6, cetanol 5, hydrogenated oil 5, squalane 30, hydrophylic glycerin monostearate 4, polyoxyethylene sorbitan monolaurate 2, preservative/fragrance q.s., and water balance to 100 % was formulated.

L3 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:822408 CAPLUS
 DOCUMENT NUMBER: 143:216347
 TITLE: Skin compositions containing acerola **seed**
 extract and other active component
 INVENTOR(S): Kobayashi, Misako; Takayama, Akemi; Kameyama, Kumi;
 Nagamine, Kenichi; Hayashi, Miki; Yamazaki, Kaori
 PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan; Nichirei Corp.
 SOURCE: Jpn. Kokai Tokkyo Koho, 38 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent

LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005220084	A2	20050818	JP 2004-30451	20040206
PRIORITY APPLN. INFO.:			JP 2004-30451	20040206

AB The invention relates to a skin composition, e.g. a skin-whitening, skin-moisturizing, and/or anti-aging cosmetic composition, characterized by containing acerola (*Malpighia emarginata*) seed extract and selected other active component. For example, a cream composition *Malpighia emarginata* seed butylene glycol solution extract 0.25, L-ascorbic acid phosphate magnesium salt 1.5, beeswax 6, cetanol 5, reduced lanolin 5, squalane 30, hydrophylic glyceryl monostearate 4, polyoxyethylene sorbitan monolaurate 2, preservative/fragrance q.s., and water balance to 100 % was formulated, and tested for its skin-lightening and moisturizing effect.

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:770104 CAPLUS
DOCUMENT NUMBER: 142:478785
TITLE: Esterases for examining the population structure of Camu-camu (*Myrciaria dubia* (Kuntb) McVaugh-Myreae)
AUTHOR(S): Teixeira, Aylton Saturnino; Chaves, Lena da Silva; Yuyama, Kaoru
CORPORATE SOURCE: Instituto Nacional de Pesquisas de Amazonia - INPA, Manaus, 69083-000, Brazil
SOURCE: Acta Amazonica (2004), 34(1), 89-96
CODEN: AAMZAZ; ISSN: 0044-5967
PUBLISHER: Instituto Nacional de Pesquisas da Amazonia
DOCUMENT TYPE: Journal
LANGUAGE: Portuguese

AB Two enzymic systems (esterase and esterase-D), analyzed by using the starch gel electrophoresis technique on young plant leaves cultivated at high land (terra firme), from seeds of camu-camu, *Myrciaria dubia* (Kunth) McVaugh-Myrtaceae obtained from three natural population samples (Iquitos, Boa Vista and Uatuma) revealed 6 loci: Est-1, Est-2, Est-3, Est-4, Est-D1 and Est-D2. Two of the six gene loci presently examined (Est-3 and Est-D2) were shown to be polymorphic, which makes them valuable for characterizing the species population structure. The polymorphism patterns shown in the Est-3 and Est-D2 loci of camu-camu, are typical of monomeric and dimeric enzymes, resp. The locus Est-3 showed a huge genetic imbalance within and among the population samples examined, due to an excessive observed number of heterozygote plants compared to their expected nos. The locus Est-D2 showed an exclusive polymorphism for the alleles Est-D21, Est-D22 and Est-D23, and a good genetic balance in the Uatuma population sample. Therefore, among all gene loci investigated here, Est-D2 seems to be the most suitable locus for identifying and delimiting probable camu-camu stocks. Hence, this locus has to be present in the list of the isoenzymic markers for future research on the species population genetics in the Amazon region. Data on allelic frequency distribution, genetic distance and genetic variation ests. of the 6 esterase loci investigated, were effective for demonstrating genetic differences among the surveyed species population samples. The highest values of mean heterozygosity (0.1353); proportion of polymorphic loci (0.33) and average number of alleles per locus (1.33) revealed in the Uatuma population sample, are due to the presence of an extra polymorphic locus (Est-D2) when compared with other surveyed samples.

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:531316 CAPLUS
 DOCUMENT NUMBER: 141:59263
 TITLE: Whitening agent, skin preparation for external use, and cosmetic
 INVENTOR(S): Nagamine, Kenichi; Hayashi, Miki; Yamasaki, Kaori
 PATENT ASSIGNEE(S): Nichirei Corporation, Japan
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004054520	A1	20040701	WO 2003-JP15656	20031208
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2004189698	A2	20040708	JP 2002-362507	20021213
JP 3635081	B2	20050330		
AU 2003289233	A1	20040709	AU 2003-289233	20031208
EP 1582195	A1	20051005	EP 2003-777340	20031208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: JP 2002-362507 A 20021213
 WO 2003-JP15656 W 20031208

AB It is intended to provide a whitening agent having a whitening effect and a high safety and being usable in cosmetics, etc. wherein camucamu seeds having been disposed so far can be efficaciously utilized, and a skin preparation for external use or a cosmetic containing the whitening agent, etc. This whitening agent comprises a camucamu seed extract containing gallic acid or salts thereof as effective components.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:512390 CAPLUS
 DOCUMENT NUMBER: 141:59245
 TITLE: Skin-lightening agents containing gallates, and cosmetics containing them
 INVENTOR(S): Nagamine, Kenichi; Hayashi, Miki; Yamazaki, Kaori
 PATENT ASSIGNEE(S): Nichirei Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004175688	A2	20040624	JP 2002-341198	20021125
PRIORITY APPLN. INFO.:			JP 2002-341198	20021125

AB The skin-lightening agents for cosmetics, contain gallic acid (GA), GA salts, and/or GA hydrates. A GA salt extracted from camu-camu seeds, inhibited tyrosinase activity dose-dependently at 20-100 µg/mL.

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NEWS 21 FEB 28 TOXCENTER reloaded with enhancements
NEWS 22 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral
property data
NEWS 23 MAR 01 INSPEC reloaded and enhanced
NEWS 24 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 25 MAR 08 X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

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=> index

ENTER FILE OR CLUSTER NAMES (NONE):bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 09:15:35 ON 13 MAR 2006

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (camu camu)

10 FILE AGRICOLA

3 FILE ANABSTR

1 FILE BIOENG

22 FILE BIOSIS

39 FILE CABA

27 FILE CAPLUS

2 FILE DISSABS

2 FILE EMBASE

1 FILE ESBIODASE

3 FILE FOMAD

16 FILE FROSTI

34 FILES SEARCHED...

14 FILE FSTA

3 FILE JICST-EPLUS

1 FILE KOSMET

3 FILE LIFESCI

7 FILE MEDLINE

8 FILE PASCAL

12 FILE PROMT

13 FILE SCISEARCH

3 FILE USPATFULL

1 FILE WATER

4 FILE WPIDS

69 FILES SEARCHED...

4 FILE WPINDEX

23 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L1 QUE (CAMU CAMU)

=> d rank

F1 39 CABA

F2 27 CAPLUS

F3 22 BIOSIS

F4 16 FROSTI

F5 14 FSTA

F6 13 SCISEARCH

F7 12 PROMT

F8 10 AGRICOLA

F9	8	PASCAL
F10	7	MEDLINE
F11	4	WPIDS
F12	4	WPINDEX
F13	3	ANABSTR
F14	3	FOMAD
F15	3	JICST-EPLUS
F16	3	LIFESCI
F17	3	USPATFULL
F18	2	DISSABS
F19	2	EMBASE
F20	1	BIOENG
F21	1	ESBIOBASE
F22	1	KOSMET
F23	1	WATER

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

3.05

3.26

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FILE COVERS 1907 - 13 Mar 2006 VOL 144 ISS 12

FILE LAST UPDATED: 12 Mar 2006 (20060312/ED)

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=> s (camu camu)

31 CAMU

52 CAMUS

82 CAMU

(CAMU OR CAMUS)

31 CAMU

52 CAMUS

82 CAMU

(CAMU OR CAMUS)

L2 27 (CAMU CAMU)

(CAMU(W)CAMU)

=> d scan

L2 27 ANSWERS CAPLUS COPYRIGHT 2006 ACS on STN

CC 17-10 (Food and Feed Chemistry)

Section cross-reference(s): 11

TI Camu-camu: a fantastic fruit as a source of vitamin C

ST Myrciaria camucamu fruit vitamin C content

IT Myrciaria dubia
(vitamin C contents in camu-camu (Myrciaria dubia)
Brazilian fruit)
IT 50-81-7, Vitamin c, biological studies
RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
(vitamin C contents in camu-camu (Myrciaria dubia)
Brazilian fruit)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l2 and seed
135389 SEED
91645 SEEDS
180524 SEED
(SEED OR SEEDS)

L3 2 L2 AND SEED

=> d total ibib abs

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:770104 CAPLUS

DOCUMENT NUMBER: 142:478785

TITLE: Esterases for examining the population structure of
Camu-camu (Myrciaria dubia (Kuntb)
McVaugh-Myreae)

AUTHOR(S): Teixeira, Aylton Saturnino; Chaves, Lena da Silva;
Yuyama, Kaoru

CORPORATE SOURCE: Instituto Nacional de Pesquisas de Amazonia - INPA,
Manaus, 69083-000, Brazil

SOURCE: Acta Amazonica (2004), 34(1), 89-96

CODEN: AAMZAZ; ISSN: 0044-5967

PUBLISHER: Instituto Nacional de Pesquisas da Amazonia

DOCUMENT TYPE: Journal

LANGUAGE: Portuguese

AB Two enzymic systems (esterase and esterase-D), analyzed by using the
starch gel electrophoresis technique on young plant leaves cultivated at
high land (terra firme), from seeds of camu-
camu, Myrciaria dubia (Kunth) McVaugh-Myrtaceae obtained from
three natural population samples (Iquitos, Boa Vista and Uatuma) revealed
6 loci: Est-1, Est-2, Est-3, Est-4, Est-D1 and Est-D2. Two of the six
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dimeric enzymes, resp. The locus Est-3 showed a huge genetic imbalance
within and among the population samples examined, due to an excessive observed
number of heterozygote plants compared to their expected nos. The locus
Est-D2 showed an exclusive polymorphism for the alleles Est-D21, Est-D22
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Therefore, among all gene loci investigated here, Est-D2 seems to be the
most suitable locus for identifying and delimiting probable camu
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of the isoenzymic markers for future research on the species population
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genetic distance and genetic variation ests. of the 6 esterase loci
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number

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with other surveyed samples.

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
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L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
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 DOCUMENT NUMBER: 141:59245
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 INVENTOR(S): Nagamine, Kenichi; Hayashi, Miki; Yamazaki, Kaori
 PATENT ASSIGNEE(S): Nichirei Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004175688	A2	20040624	JP 2002-341198	20021125
PRIORITY APPLN. INFO.:			JP 2002-341198	20021125
AB The skin-lightening agents for cosmetics, contain gallic acid (GA), GA salts, and/or GA hydrates. A GA salt extracted from camu-camu seeds , inhibited tyrosinase activity dose-dependently at 20-100 µg/mL.				

=> logoff hold
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
14.55	17.81

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
 CA SUBSCRIBER PRICE

SINCE FILE ENTRY	TOTAL SESSION
-1.50	-1.50

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 09:22:52 ON 13 MAR 2006